

 Year 5 Annual overview	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Title	MAY THE FORCE BE WITH YOU		POTS, PYRAMIDS AND PHARAOHS		LIFE IN AN EXPLODING WORLD	
Texts	The Princess' Blankets by Carol Ann Duffy Biography of Tim Peake	Shirt Machine by Jon Davis The Highwayman by Alfred Noyes	Theseus and the Minotaur	Egyptians' texts	Texts and news articles on Pompeii events	The Firebird by Saviour Pirotta Balanced argument - Zoos
Writing focus	Diary Biography	Explanation Text Narrative poem	Narrative	Non-chronological report	Recount- news report	Narrative Balanced argument/persuasive letter
Maths	Number and Place Value working with 5 digit numbers Decimals Up to 3 dp, rounding Geometry: Properties of shapes - nets	Addition and Subtraction – column with more than 4 digits, including decimals to 3dp, Multiplication and Division: powers of 10 by x 10,100,1000 including decimals Properties of number prime and square numbers	Multiplication and Division: written methods – short and long multiplication, short division – formal written methods. Geometry: Position and direction translation and reflection	Fractions, Decimals and Percentages equivalent fractions, fractions as percentages, Measurement: Length, Mass and Capacity converting measures	Fractions: Calculating improper and mixed fractions, adding, subtracting and multiplying fractions with denominator multiples.	Measurement: Area and Volume estimating capacity, area of rectangles and squares, volume of 3D shapes Geometry: Properties of shapes – angles-reflex, measuring and drawing angles with a protractor. Measurement: Time – converting time Statistics – interpreting line graphs
Science	Earth and Space -Movement of the Earth and other planets relative to the sun -Movement of the moon relative to the Earth -The sun, Earth and moon as approximately spherical bodies -Idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky	Forces -Explain the force of gravity acting between the Earth and the falling object -Identify the effects of air resistance, water resistance and friction -Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect	Properties and changing materials -Compare and group together materials -Know that some materials will dissolve in liquid, and describe how to recover a substance from a solution -Use knowledge of solids, liquids and gases to decide how mixtures might be separated	Animals including humans -changes from prenatal to old age	Living things and their habitats - Life cycles -Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird -Describe the life process of reproduction in some plants and animals	

			-Give reasons from comparative and fair tests -Demonstrate that dissolving, mixing and changes of state are reversible changes -Explain that some changes result in the formation of new materials			
Computing	Data handling: Mars Rover -binary code -function of the Mars Rover	Programming 2: Microbits -create and use basic coding with microbits	Online safety -online communication -protecting personal information -advice to combat negative use	Computer systems and networks: Search engines -how search engines work -develop searching skills	Creating media: stop-motion animation -plan and film a short animation -edit animation	Programming 1: Music -tinker with Scratch music elements -plan and programme a short soundtrack -edit a soundtrack
DT	Design and make project 1: Mechanical systems - Cam toy -identifying cams and how they are used to make a mechanism move			Food and nutrition -prepare and cook a traditional Greek pastry		Design and make project 2: Earthquake-proof frame structures -use strengthening techniques for structures
History	Significant individuals in space -Tim Peake -Neil Armstrong		Ancient Greece -legacy including democracy -life in Ancient Greece -Battle of Marathon -The Olympics	Achievements of Early civilisations (Ancient Egypt) -Ancient Egyptian beliefs -importance of Pharaohs -tombs and pyramids		
Geography					Mountains -how mountains are formed -longitude and latitude -compare land use in the Alps and Snowdonia -features of mountains -use maps to locate mountain ranges	Earthquakes and volcanoes -effects of an earthquake and volcanic eruption

RE	U2.1 What influence does believing in the Trinity have on Christian worldviews?	U2.7 How does Hajj show what matters to Muslims in Britain?	U2.6 How does the Torah influence Jewish people today?	U2.4 Why might the belief that Jesus 'saved' people be so important for many Christians?	U2.9 How do non-religious people understand and respond to the world and life?	U2.10 How do organised and individual worldviews help people when times get hard?
Art	Self-portrait – assessment piece Printing Andy Warhol Pop Art -Create prints that show pattern with fine details and build up multiple layers of colours	Textiles (including drawing) - Karen Rose drawing/weaving -Use a range of textile techniques with precision to enhance work in other media	Drawing -Create detailed sketches with increasing realism, that show light, shadow and texture (including hatching and cross hatching) in a range of media -Create a sense of scale and proportion including creating perspective by using a vanishing point		Collage (including drawing) - Gaudi -Create own papers for collage by combining different media and techniques	
Music	Drunken sailor	Introduce Songwriting	Madina tun nabi	Y5 production music	Kisne banaaya	Composing in Ternary Form
French	Pleased to meet you -careers -feelings		Family and friends -family names -animals -home		School life -school subjects -shapes -classroom objects	
PE	Swimming Hockey Gymnastics	Swimming Gymnastics Netball	Swimming Tag Rugby	Swimming Dance	Swimming Tennis Athletics	Swimming Athletics Rounders
PSHE	Me and my relationships	Valuing difference	Keeping myself safe	Rights and responsibilities	Being my best	Growing and changing
Enrichment		School trip to "We the Curious" museum, Bristol Christmas Carol Concert	10th February Internet Safety Day. Gloucester Rugby coaching	Easter Production		School trip to Skillzone